

ZELAS® MC745

Thermoplastic Elastomer

Mitsubishi Chemical Performance Polymers, Inc.

Message:

ZELAS® MC745 is a Thermoplastic Elastomer (TPE) material. It is available in Asia Pacific, Europe, or North America.

Typical applications include:

Medical/Healthcare

Film

General Information			
Uses	Medical/Healthcare Applications		
	Multilayer Film		
Agency Ratings	JP XV		
Physical	Nominal Value	Unit	Test Method
Density	0.890	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.5	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	13.0	MPa	
Break	12.0	MPa	
Nominal Tensile Strain at Break	650	%	ISO 527-2
Flexural Modulus	340	MPa	ISO 178
Flexural Stress	37.0	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	162	°C	ISO 11357-3
Optical	Nominal Value	Unit	Test Method
Haze (2000 μm)	55	%	ISO 2813

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Recommended distributors for this material

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